

10/511259**UNITED STATES PATENT APPLICATION TRANSMITTAL FORM**

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Alexandria, VA 22313-1450
Attention: DO/EO/US

Docket No.: 377.8116USUCustomer No.: 27623

Dear Sir:

Transmitted herewith for filing is the patent application of

Applicant(s): Robert ASHE and David MORRIS
For: IMPROVED HEAT EXCHANGER
TEMPERATURE CONTROL SYSTEM
International Application No.: PCT/EP03/03983
International Filing Date: 15 April 2003

ENTERING OF U.S. NATIONAL STAGE UNDER 35 U.S.C. §371

Transmitted herewith for filing are the following documents submitted under 37 C.F.R. §1.495(b) for the purpose of entering the national stage in the United States of America as an elected office. Enclosed are:

_____ Specification and Claims with Declaration;
XXXX Specification and Claims *without* Declaration;
XXXX 2 sheets of drawings;
XXXX Preliminary Amendment;
_____ An Assignment of the invention to: _____,
including \$40.00 recordation fee and recordation cover sheet;
_____ Information Disclosure Statement with copies of patent(s) (Form -
PTO-1449);
XXXX The undersigned attorney has verified that the applicant is entitled
to a Small Entity Status;

XXXX Priority of application Serial No 0209352.4, filed on 24 April 2002 in Great Britain; and PCT/EP03/03983 filed on 15 April 2003 is claimed under 35 U.S.C. §119 and 35 U.S.C. §365;

XXXX Cover page of published PCT Publication No. WO 03/091651;

_____ Copy of International Preliminary Examination dated _____;

_____ Copy of PCT Demand Under Article 31; and

XXXX Copy of International Search Report dated August 11, 2003;

_____ Copy of Written Opinion.

_____ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are transmitted herewith.

The Filing Fee is calculated below.

CLAIMS AS FILED				
(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$750/\$790// \$950/ \$1,110/\$100
Total Claims	30 - 20 =	10	x \$18.00	\$180.00
Independent Claims	2 - 3 =	0	x \$88.00	\$
Multiple Dependent Claim Fee		x \$300.00 = \$0.00		
TOTAL FILING FEE		\$1,130.00		
1/2 FILING FEE FOR SMALL ENTITY		\$565.00		

XXX Firm's check in the amount of \$ 565.00 to cover the filing fee;

XXX The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required with this communication or during the entire pendency of the application, or credit any overpayment, to **Deposit Account No. 01-0467**. A duplicate copy of this Form is enclosed.

XXX Postcard.

10/511259

DTOS Rec'd PCT/US 14 OCT 2004

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Dated: October 14, 2004



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CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" Certificate No. **EV533429459US**, service under 37 CFR §1.10 and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450; Attn: DO/EO/US on October 14, 2004.

Joanne A. Romaniello
(Typed name of person mailing paper)



(Signature of person mailing paper)